

PATENT ABSTRACTS OF JAPAN

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(71)Applicant : TOSHIBA BATTERY CO LTD

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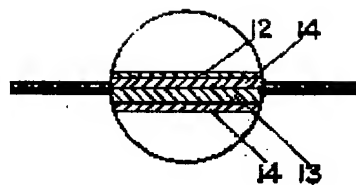
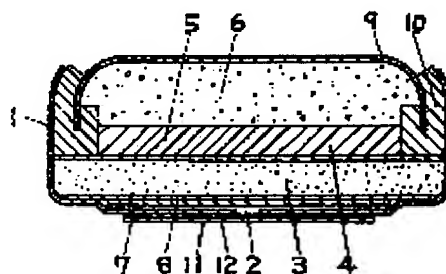
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(54) AIR CELL

(57)Abstract:

PURPOSE: To avoid a deterioration of the activity of air pole, with the cell prevented from a passing of humidity, carbonic gas, electrolyte while in storage, by closely sealing the air supply hole with a sealing material mainly composed of polyvinyl chloride or polyvinylidene chloride.

CONSTITUTION: An air pole 3, through a separating paper 4 of semi-transparent lyophilic film and an electrolytic holding material 5 for holding a caustic alkali electrolyte, is made facing to a negative pole unit 6 composed of gel state zinc powder. And a Teflon air permeable film 8, having many fine holes, is provided in contact with the air pole 3, with its another face closely contacted to the bottom of a positive pole can 1, serving as the positive terminal, where an air supply port 2 is provided. And the air supply port 2 is sealed by a sealing material 11 mainly composed of polyvinyl chloride, polyvinylidene chloride or those mixture or copolymers. The sealing material 11 is made in a manner, for instance, with a sheet pattern material adhesively cemented by using a pressure sensitive adhesive 12.



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